Approved for uso through 07/31/2008. OMB 0651-0031

U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/678,780		
Filing Date	10/03/2003		
First Named Inventor	Stephen SHEW		
Art Unit	2643		
Examiner Name			
Attorney Docket Number	0-13528-205119/36173	7	

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (J tream)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
/M.D.		^{US-} 5,617,413	04-01-1997	USA rep. by Admin	See ISR
/M.D./		^{US-} 2003/0101372	05-29-2003	Bouat et al	See ISR
		^{US-} 6,526,063 B1	02-25-2003	Nortel Networks	See ISR
V		^{US-} 5,010,550	04-23-1991	NEC Corporation	See ISR
		US-			
	1/	US-			
		96			
	-	US-			
		US-			
		US-			· ·
		US-			
		US-			
		US-	 		
		US-	_		
		US-	_		+

FOREIGN PATENT DOCUMENTS					
	Cite No.1	ite Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ "Number ⁴ "Kind Code ⁶ (if known)			
			···		

Examiner Signature	/Mon Cheri Davenport/	Date Considered	05/22/2007
O.gribituro		Considered	USIZZIZUUI

"EXAMINER: Initial if reference considered, whether or not clation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.usple.gov or MPEP 901.04. The reference that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese potent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain o benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, proparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.